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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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HEWLETT PACKARD COMPANY
P O BOX 272400, 3404 E. HARMONY ROAD
INTELLECTUAL PROPERTY ADMINISTRATION
FORT COLLINS, CO 80527-2400

EXAMINER	
MILIA, MARK R	

ART UNIT	PAPER NUMBER
2625	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)	
	10/635,479	WIECHERS, ALEJANDRO	
	Examiner	Art Unit	
	Mark R. Milia	2625	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *31 July 2007*.

2a)☒ This action is **FINAL**. 2b)☐ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-4 and 10-20* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-4 and 10-17* is/are rejected.

7)☒ Claim(s) *18-20* is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Response to Amendment

1. Applicant's amendment was received on 7/31/07 and has been entered and made of record. Currently, claims 1-4 and 11-20 are pending.

Double Patenting

2. Applicant's amendment to the claims has rendered the Double Patenting rejection moot and therefore the rejection has been withdrawn.

Claim Rejections - 35 USC § 101

3. Applicant's cancellation of claims 5-8 has overcome the rejection set forth in the previous Office Action. Therefore the rejection has been withdrawn.

Response to Arguments

4. Applicant's arguments filed 7/31/07 have been fully considered but they are not persuasive.

Applicant asserts that Kemp (US 2002/0078160) fails to disclose "a digital printer establishing a closed-loop communication link between the designer location and the print service provider location", "the digital printer sending current configuration information stored within memory of the digital printer to the designer location via the closed-loop communication link", or "creating a press ready file at the designer location using the current configuration information received from the digital printer via the closed-loop communication link". The examiner respectfully disagrees as Kemp does disclose such features. Particularly, Kemp states that a host computer (client/@ home user), a print shop (service provider), and a portal are communicatively connected via a network, such as the Internet. Within the print shop a plurality of printers are connected to a server, the server communicating with both the plurality of printers, the portal, and the host computer (client). Thus, Kemp discloses a closed-loop communication link between the designer location and the print service provider location including a digital printer. Kemp also states that after receiving a job ticket from the client the service provider server consults a look-up table containing all of the various capabilities of the print shop. In the construction of the look-up table each printer must submit its capabilities to the server. The result of the consultation is sent back to the client for approval or in the case that a failure message is sent, the client can submit a new request (job ticket) with different printing parameters. Kemp further states that the client print driver renders the print job and sends it to the spooler. The job ticket is sent to the service provider without the actual print job, which stays in the spooler at the client, until a response is received from the service provider as to whether or not the print job can

be processed. Thus, Kemp discloses the digital printer sending current configuration information stored within memory of the digital printer to the designer location via the closed-loop communication link and creating a press ready file at the designer location using the current configuration information received from the digital printer via the closed-loop communication link.

Therefore, the rejection as set forth in the previous Office Action is maintained. Newly added claims 11-20 will be addressed below.

Claim Rejections - 35 USC § 102

5. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

6. Claims 1, 2, 4, 10-12, and 14-17 rejected under 35 U.S.C. 102(b) as being anticipated by Kemp (US 2002/0078160).

Regarding claim 1, Kemp discloses a method of managing workflow in a commercial printing environment including a designer location and a print service provider location, said method comprising: a digital printer establishing a closed-loop communication link between the designer location and the print service provider location (see Figs. 1 and 3 and paragraph 35 lines 1-6), the digital printer sending current configuration information stored within memory of the digital printer to the designer location via the closed-loop communication link (see Figs. 1 and 3 and paragraphs 43, 55-58, 60-62, 69-71, and 84-87), creating a press ready file at the designer location

using the current configuration information received from the digital printer via the closed-loop communication link (see Figs. 3 and 4 and paragraphs 36, 43, 48, 52-58, 60-62, 69, and 84-87, reference shows that portal **3** contains capabilities associated with the printers located at the service provider and that print driver **282** communicates with the portal **3** and renders the print job into a format suitable for printing based on such communication), submitting the press ready file from the designer location to the print service provider location via the closed-loop communication link (see Figs. 4 and 10 and paragraphs 52-58 and 84-87) and receiving at the print service provider location a printed output of the press ready file from the digital printer and packaging the printed output at the print service provider location using an automated packaging device (see paragraphs 40-41 and 64, reference states that the necessary equipment to finish a print job would be included at the service provider and a user can select the type of delivery of the printed and finished materials).

Regarding claim 10, Kemp discloses an automated packaging device for use with a design-to-press workflow in a commercial printing environment including a designer location, a print service provider location and a closed-loop communication link between them, said automated packaging device comprising: a memory for storing current configuration information about the automated packaging device (see Figs. 1 and 3 and paragraphs 43, 55-58, 60-62, 69-71, and 84-87) and a communication module for connecting to the closed-loop communication link to communicate the current configuration information to the designer location and the print service provider location

for consideration in design and preflight stages of the workflow (see Figs. 1 and 3 and paragraphs 35, 36, 43, 48, 52-58, 60-62, 69-71, and 84-87).

Regarding claim 11, Kemp discloses a system for managing workflow in a commercial printing environment, said system comprising: a digital printer comprising memory that stores current configuration information about the digital printer and a communications module that is used to communicate with other devices over a network (see Figs. 1 and 3 and paragraphs 43, 55-58, 60-62, 69-71, and 84-87), wherein the digital printer is configured to: establish a closed-loop communication link with a designer location at which print jobs are created and with a print service provider location at which the print jobs are processed (see Figs. 1 and 3 and paragraph 35), send the current configuration information stored within digital printer memory to the designer location via the closed-loop communication link (see Figs. 1 and 3 and paragraphs 43, 55-58, 60-62, 69-71, and 84-87), and generate printed outputs associated with the print jobs (see paragraphs 40-41 and 64), and an automated packaging device comprising memory that stores current configuration information about the packaging device and a communications module that is used to communicate with other devices over a network (see Figs. 1 and 3 and paragraphs 40-41, 43, 55-58, 60-62, 64, 69-71, and 84-87), wherein the digital printer is configured to: communicate over the closed-loop communication link with the designer location and with the print service provider location, send the current configuration information stored within the packaging device memory to the designer location via the closed-loop communication link (see Figs. 1 and 3 and paragraphs 43, 55-58, 60-62, 69-71, and 84-87), and

package the printed outputs generated by the digital printer according to the instructions associated with the print job (see paragraphs 40-41 and 64).

Regarding claims 2 and 12, Kemp further discloses wherein the automated packaging device is a Design-to-Ship enabled packaging device that also forms part of the closed-loop communication link (see Fig. 9 and paragraphs 41 and 64).

Regarding claim 4, Kemp further discloses verifying at the print service provider location that the press ready file will be produced at the print service provider location as instructed by information contained in the press ready file and, if not, correcting the press ready file to ensure production substantially as designed (see paragraphs 84-87).

Regarding claim 14, Kemp further discloses wherein the digital printer sending current configuration information comprises the digital printer sending a table containing the current configuration information to the designer location (see paragraph 84).

Regarding claim 15, Kemp further discloses wherein creating a press ready file at the designer location comprises adjusting at the designer location a print job to match capabilities of the digital printer relative to the current configuration information for the printing device (see paragraphs 84-87).

Regarding claim 16, Kemp further discloses the designer location updating a job ticket associated with the print job (see paragraph 84).

Regarding claim 17, Kemp further discloses a preflight module of the print service provider location receiving the press ready file, reading the updated job ticket, requesting from the digital printer the current configuration information via the closed-loop communication link, and determining whether or not the digital printer is capable of

properly processing the print job by comparing information contained in the updated job ticket and the current configuration information of the digital printer (see paragraphs 84-87).

Claim Rejections - 35 USC § 103

7. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 3 and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kemp.

Kemp does not disclose expressly wherein the automated packaging device is assigned a unique identifier.

However, it is well known in the art for printers, finishing/packaging devices to have unique identifiers, such as IP addresses, URLs, MAC addresses, etc. to allow the device to be identified and allow data to be easily transferred to and from the device.

Therefore, at the time of the invention, it would have been obvious to a person of ordinary skill in the art to assign a unique identifier to the automated packaging device of Kemp because it would allow the device to be easily and accurately identified and also allow data to be easily and accurately transferred to the device.

Allowable Subject Matter

8. Claims 18-20 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark R. Milia whose telephone number is (571) 272-7408. The examiner can normally be reached M-F 8:00am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Twyler M. Lamb can be reached at (571) 272-7406. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Mark R. Milia
Examiner
Art Unit 2625

MRM

TWYLER LAMB
SUPERVISORY PATENT EXAMINER